



Atty Dkt No. 2302-6146.20  
Client No. 80146.002  
PATENT

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9/24/97  
Date

Patricia K. Klinec  
Signature

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

PERSSON et al.

Serial No.: 08/844,215

Group Art: Unassigned

Filing Date: April 17, 1997

Examiner: Unassigned

Title: HUMAN MONOCLONAL ANTIBODIES SPECIFIC FOR HEPATITIS C  
VIRUS (HCV) E2 ANTIGEN

### INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The information listed below may be material to the examination of the above-identified application. A completed Form PTO-1449 listing the references identified below accompanies this paper. All references are of record, or have been submitted in, related application serial number 08/635,109 from which the present application claims priority under 35 U.S.C. §120. Thus, pursuant to C.F.R. §1.98(d), copies of the references are not included.

Applicants would appreciate the Examiner's initialling and returning the form to indicate that the references have been reviewed and made of record in the present application. The information includes:

U.S. Patent 5,308,750, to Smriti U. Mehta et al, issued May 3, 1994;  
PCT WO 92/20791, to Cambridge Antibody Technology Limited, published  
Nov. 26, 1992;

PCT WO 93/06213, to Medical Research Council, published April 1, 1993;  
European Patent Application No. 0 447 984 A1 to Abbott Laboratories,  
published Sept. 25, 1991;

Barbas III et al., "Assembly of combinatorial antibody libraries on phage  
surfaces: The gene III site," *Proc. Natl. Acad. Sci. USA* (88):7978-7982 (1991);

Barbas III et al., "Synthetic human antibodies: Selecting and evolving  
functional proteins," *Methods: A Companion to Methods in Enzymology* (8):94-103  
(1995);

Burton et al., "A large array of human monoclonal antibodies to type 1 human  
immunodeficiency virus from combinatorial libraries of asymptomatic seropositive  
individuals," *Proc. Natl. Acad. Sci. USA* (88):10134-10137 (1991);

Chanock et al., "Human monoclonal antibody fab fragments cloned from  
combinatorial libraries: potential usefulness in prevention and/or treatment of Major  
human viral diseases," *Infectious Agents and Disease* 2(3):118-131 (1993);

Persson et al., "Generation of diverse high-affinity human monoclonal  
antibodies by repertoire cloning," *Proc. Natl. Acad. Sci. USA* (88):2432-2436 (1991);

Rosa et al., "A quantitative test to estimate neutralizing antibodies to the  
hepatitis C virus; Cytofluorimetric assessment of envelope glycoprotein 2 binding to  
target cells," *Proc. Natl. Acad. Sci. USA* (93):1759-1763 (1996);

Samuelsson et al., "Chimeric macaque/human fab molecules neutralize simian  
immunodeficiency virus," *Virology* (207):495-502 (1995); and

Wong et al., "Monoclonal Antibodies to the Hepatitis C Virus E2 Envelope  
Protein Block HCV Penetration Into Cells," *Journal of Investigative Medicine* (43):  
397A No. 2, Supplement 2 (1995).

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This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

By:



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